Kerr Italia SpA

MATERIAL SAFETY DATA SHEET

in accordance with communitary directive 2001/58/EC

Section I - Identification of Product and Company

Trade Product Name: **Premise** (Low Shrinkage Composite System)	Preparation/Revision Date: 02/04

Company Name: **Kerr Corporation**	Emergency phone: **(+41)-91-61.00.639**
Company Address: **1717 W. Collins Avenue Orange CA 92867 U.S.A.**	Information phone: **00-800-41-050-505**

Section II - Composition/Information on Ingredients

HAZARDOUS INGREDIENTS	%	SYMBOL	R	CAS N.	EINECS N.
Uncured Methacrylate Ester Monomers	20-35	Xn	22-36/37/38	N/A	N/A

Section III - Hazards Identification

HAZARD CLASSIFICATION	Harmful if swallowed

Section IV - First Aid Measures

Treatment for eye contact: **Flush with water for 15 minutes including under eyelids. If irritation persists, seek medical attention.**

Treatment for skin contact: **Wash thoroughly with soap and water.**

Treatment for inhalation (breathing): **Remove to fresh air. If irritation persists, seek medical attention.**

Treatment for ingestion (swallowing): **Rinse mouth with water. Do not induce vomiting. Seek medical attention.**

Section V - Firefighting Measures

Suitable extinguishing media: **Chemical foam, CO_2, dry chemical.**
Forbidden extinguishing media: **Unknown.**
Special firefighting measures: **None. Wear a self contained breathing apparatus**
Unusual fire and explosion hazards: **Heat can cause polymerization with rapid release of energy.**
Special protection equipment: **Sealed overall against liquids and gases.**

Section VI - Accidental Release Measures

Personal Precautions: **Adopt same precautions of section VIII.**
Environmental Precautions: **Keep spilled material out of sewers.**
Reclaiming Methods: **Absorb spills with inert material - keep spilled material out of sewers.**

Section VII - Handling and Storage

Handling Precautions: **Keep away from sources of ignition.**
Precautions in case of Fire and Explosion: **Not determined.**
Storage Conditions: **Store in a cool, dry place away from heat, light and ignition sources.**
Suggested container(s): **The original containers provided by manufacturer.**
Indication for Combined Storage: **Avoid the contact with reducing and oxidizing agents, peroxides and amines.**
Other Precautions: **Use according to directions.**

Section VIII - Exposure controls/personal protection

Precautionary Measures	Ventilation Local Exhaust Ventilation: **Good general ventilation should be sufficient to control airborne levels of vapors released by uncured material.** Special Ventilation: **None required.** Mechanical (General) Ventilation: **Good general ventilation recommended.** Other Ventilation: **None required.**
Limits	TWA: **Not determined;** PEL: **Not determined**
Respiratory Protection	**Avoid prolonged or excessive breathing of vapors of uncured material.**
Hands Protection	**Impervious rubber gloves recommended when contacting uncured material.**
Eyes Protection	**Safety glasses.**
Skin Protection	**Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure to uncured material.**
Other Protective Equipments:	**It would be better use a lab coat.**

Section IX - Physical and Chemical Properties

Boiling Point: **Not determined** Vapor Pressure: **Not determined**		Melting Point: **Not determined** Specific Gravity: **2,5g/ml**
Evaporation Rate (n-butane=1): **Not determined**		Vapor Density (air=1): **Not determined**
Solubility in Water: **Insoluble**		
Appearance and Odor (Physical Form): **Colored paste with fruity ester-like odor.**		
Flash Point: **Not determined**	Upper explosivity limit: **Not determined**	Lower explosivity limit: **Not determined**

Section X - Stability and Reactivity

Stability: **Stable if stored as directed.**
Conditions to Avoid: **Heat, light, aging and contamination.**
Incompatibility (Materials to Avoid): **Reducing and oxidizing agents, peroxides and amines..**
Hazardous Decomposition Products: **Oxides of Carbon.**
Hazardous Polymerization Products: **May occur.**

Section XI - Toxicological Information

Carcinogenicity/Teratogenicity: **No.**

Effects and Hazards of Overexposure (Acute and Chronic)

Effects and hazards of eye contact: **May cause irritation and damage if not removed promptly.**

Effects and hazards of skin contact: **Prolonged or repeated exposure to uncured material may cause irritation or skin rash especially in sensitive individuals.**

Effects and hazards of Inhalation (Breathing): **Prolonged or excessive inhalation may cause respiratory tract irritation.**

Effects and hazards of Ingestion (Swallowing): **Uncured material may be harmful or fatal if swallowed.**

Effects for prolonged Exposure: **Not applicable.**

Section XII - Ecological Information

There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment.

Section XIII - Disposal Considerations

Unpolymerized (uncured) material may be hazardous waste. Incinerate uncured material and dispose in accordance with local regulations.

Section XIV - Transport Information

SEA TRANSPORTATION	
IMCO Number	Not applicable
UN Number	Not applicable
Substance(s) determining hazard	None
AIR TRANSPORTATION	
ICAO/IATA Class	Not applicable
Substance(s) determining hazard	None

TRANSPORTATION BY ROAD/RAILWAY

RID/ADR Class N/A	Item Number N/A	Hazard Identification Number N/A	Substance Identification Number N/A	Hazard Label N/A

Section XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EC DIRECTIVES	
HAZARD IDENTIFICATION SYMBOL	**Xn**
R *Sentences*	
22	Harmful if swallowed
36/37/38	Irritating to eyes, respiratory system and skin.
S *Sentences*	
36	Wear suitable protective clothing.
Ingredients determining the label	Uncured Methacrylate Ester Monomers

Section XVI - Other Information

None

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this Safety Sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this Sheet or the use of this product together with any other process/procedure will be exclusively under the user's responsibility.